

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	795	(LDPC or (low density parity check))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/02/01 11:11
L2	89	l1 near4 modulat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/02/01 11:11
L3	30	l2 with decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/02/01 11:13
L4	102	l1 with (mapp\$3 or constellation or biparite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/02/01 11:24
L5	49	l4 with decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/02/01 11:23
L6	0	l4 with (synbol decod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/02/01 11:13
L7	2	l4 with (symbol decod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/02/01 11:13
L8	5	l4 same (symbol decod\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/02/01 11:13
L9	82	l1 near6 (mapp\$3 or constellation or biparite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/02/01 11:24
L10	33	l9 with decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2006/02/01 11:24

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Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10668526 on February 01, 2006

- 14 714/792 (3 OR, 11 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/746 ..Digital data error correction  
714/786 ..Forward error correction by tree code (e.g.,  
convolutional)  
714/792 ...Trellis code
- 13 375/265 (5 OR, 8 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT  
375/260 .Plural channels for transmission of a single  
pulse train  
375/261 ..Quadrature amplitude modulation  
375/265 ...Trellis encoder or Trellis decoder
- 11 375/341 (2 OR, 9 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/316 RECEIVERS  
375/340 .Particular pulse demodulator or detector  
375/341 ..Maximum likelihood decoder or viterbi decoder
- 5 375/261 (1 OR, 4 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT  
375/260 .Plural channels for transmission of a single  
pulse train  
375/261 ..Quadrature amplitude modulation
- 5 375/262 (2 OR, 3 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/259 SYSTEMS USING ALTERNATING OR PULSATING CURRENT  
375/260 .Plural channels for transmission of a single  
pulse train  
375/261 ..Quadrature amplitude modulation  
375/262 ...Maximum likelihood decoder or viterbi  
decoder
- 5 375/298 (2 OR, 3 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/295 TRANSMITTERS  
375/298 .Quadrature amplitude modulation
- 5 714/786 (3 OR, 2 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/746 ..Digital data error correction  
714/786 ..Forward error correction by tree code (e.g.,  
convolutional)
- 5 714/795 (0 OR, 5 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY

10668526\_CLSTITLES.txt

714/699	PULSE OR DATA ERROR HANDLING
714/746	.Digital data error correction
714/786	..Forward error correction by tree code (e.g., convolutional)
714/795	...Viterbi decoding
4 375/222	(3 OR, 1 XR)
Class 375	: PULSE OR DIGITAL COMMUNICATIONS
375/219	TRANSCIVERS
375/222	.Modems (data sets)
4 375/264	(0 OR, 4 XR)
Class 375	: PULSE OR DIGITAL COMMUNICATIONS
375/259	SYSTEMS USING ALTERNATING OR PULSATING CURRENT
375/260	.Plural channels for transmission of a single pulse train
375/261	..Quadrature amplitude modulation
375/264	...Multilevel
4 375/340	(1 OR, 3 XR)
Class 375	: PULSE OR DIGITAL COMMUNICATIONS
375/316	RECEIVERS
375/340	.Particular pulse demodulator or detector
3 332/103	(0 OR, 3 XR)
Class 332	: MODULATORS
332/103	PHASE SHIFT KEYING MODULATOR OR QUADRATURE AMPLITUDE MODULATOR
3 375/286	(2 OR, 1 XR)
Class 375	: PULSE OR DIGITAL COMMUNICATIONS
375/286	MULTILEVEL
3 375/354	(3 OR, 0 XR)
Class 375	: PULSE OR DIGITAL COMMUNICATIONS
375/354	SYNCHRONIZERS
3 714/759	(0 OR, 3 XR)
Class 714	: ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
714/699	PULSE OR DATA ERROR HANDLING
714/746	.Digital data error correction
714/752	..Forward correction by block code
714/759	...Look-up table encoding or decoding
3 714/780	(2 OR, 1 XR)
Class 714	: ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
714/699	PULSE OR DATA ERROR HANDLING
714/746	.Digital data error correction
714/752	..Forward correction by block code
714/780	...Using symbol reliability information (e.g., soft decision)
3 714/784	(0 OR, 3 XR)
Class 714	: ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
714/699	PULSE OR DATA ERROR HANDLING
714/746	.Digital data error correction
714/752	..Forward correction by block code
714/781	...Code based on generator polynomial
714/784	....Reed-Solomon code

10668526\_CLSTITLES.txt

- 3 714/796 (0 OR, 3 XR)
  - Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY
  - 714/699 PULSE OR DATA ERROR HANDLING
  - 714/746 .Digital data error correction
  - 714/786 ..Forward error correction by tree code (e.g.,  
convolutional)
  - 714/796 ...Branch metric calculation
- 2 329/304 (0 OR, 2 XR)
  - Class 329 : DEMODULATORS
  - 329/304 PHASE SHIFT KEYING OR QUADRATURE AMPLITUDE  
DEMODULATOR
- 2 370/523 (0 OR, 2 XR)
  - Class 370 : MULTIPLEX COMMUNICATIONS
  - 370/473 ..Transmission of a single message having  
multiple packets
  - 370/498 .Combining or distributing information via time  
channels
  - 370/522 ..Signaling (ancillary to main information)
  - 370/523 ...Using bit robbing
- 2 375/225 (2 OR, 0 XR)
  - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
  - 375/224 TESTING
  - 375/225 .Data rate
- 2 375/244 (0 OR, 2 XR)
  - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
  - 375/242 PULSE CODE MODULATION
  - 375/244 .Differential
- 2 375/316 (0 OR, 2 XR)
  - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
  - 375/316 RECEIVERS
- 2 375/377 (1 OR, 1 XR)
  - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
  - 375/377 MISCELLANEOUS
- 2 714/6 (0 OR, 2 XR)
  - Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY
  - 714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING
  - 714/1 .Reliability and availability
  - 714/2 ..Fault recovery
  - 714/3 ...By masking or reconfiguration
  - 714/5 ....Of memory or peripheral subsystem
  - 714/6 .....Redundant stored data accessed (e.g.,  
duplicated data, error correction coded data, or other  
parity-type data)
- 2 714/704 (0 OR, 2 XR)
  - Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY
  - 714/699 PULSE OR DATA ERROR HANDLING
  - 714/704 .Error count or rate
- 2 714/752 (1 OR, 1 XR)
  - Class 714 : ERROR DETECTION/CORRECTION AND FAULT

		DETECTION/RECOVERY
714/699		PULSE OR DATA ERROR HANDLING
714/746		..Digital data error correction
714/752		..Forward correction by block code
2 714/755	(0 OR, 2 XR)	
Class	714 :	ERROR DETECTION/CORRECTION AND FAULT
		DETECTION/RECOVERY
714/699		PULSE OR DATA ERROR HANDLING
714/746		..Digital data error correction
714/752		..Forward correction by block code
714/755		...Double encoding codes (e.g., product, concatenated)
2 714/775	(0 OR, 2 XR)	
Class	714 :	ERROR DETECTION/CORRECTION AND FAULT
		DETECTION/RECOVERY
714/699		PULSE OR DATA ERROR HANDLING
714/746		..Digital data error correction
714/752		..Forward correction by block code
714/775		...Synchronization
2 714/777	(0 OR, 2 XR)	
Class	714 :	ERROR DETECTION/CORRECTION AND FAULT
		DETECTION/RECOVERY
714/699		PULSE OR DATA ERROR HANDLING
714/746		..Digital data error correction
714/752		..Forward correction by block code
714/777		...Hamming code
2 714/778	(0 OR, 2 XR)	
Class	714 :	ERROR DETECTION/CORRECTION AND FAULT
		DETECTION/RECOVERY
714/699		PULSE OR DATA ERROR HANDLING
714/746		..Digital data error correction
714/752		..Forward correction by block code
714/778		...Nonbinary data (e.g., ternary)
2 714/789	(1 OR, 1 XR)	
Class	714 :	ERROR DETECTION/CORRECTION AND FAULT
		DETECTION/RECOVERY
714/699		PULSE OR DATA ERROR HANDLING
714/746		..Digital data error correction
714/786		..Forward error correction by tree code (e.g., convolutional)
714/789		...Synchronization
2 714/790	(0 OR, 2 XR)	
Class	714 :	ERROR DETECTION/CORRECTION AND FAULT
		DETECTION/RECOVERY
714/699		PULSE OR DATA ERROR HANDLING
714/746		..Digital data error correction
714/786		..Forward error correction by tree code (e.g., convolutional)
714/790		...Puncturing
2 714/794	(0 OR, 2 XR)	
Class	714 :	ERROR DETECTION/CORRECTION AND FAULT
		DETECTION/RECOVERY
714/699		PULSE OR DATA ERROR HANDLING
714/746		..Digital data error correction
714/786		..Forward error correction by tree code (e.g., convolutional)

714/794 10668526\_CLSTITLES.txt  
...Maximum likelihood